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Before Using UM185C

1

This chapter provides important information about using the UM185C including:

About this User Manual

Product Overview

What's Inside the Product Package

Introduction to Wireless UM185C USB Modem

Product Features

Product Handling

Configuration

Before Using UM185C

ABOUT THIS USER MANUAL

You will find all the information you need to install and use the UM185C in this user manual. Before using the UM185C, you must properly install the Cricket Broadband Connect by closely following the installation instructions.

INSTRUCTIONS

- The software needed to install and configure your UM185C USB device is already included on the device.
- It is highly recommended that you read the safety precautions described in this manual before using the UM185C.

PRODUCT OVERVIEW

Thank you for purchasing the Cricket Wireless UM185C USB Modem. The UM185C is a 3G wireless device that enables high-speed wireless communication from your laptop or desktop computer. The UM185C is simple to install and use.

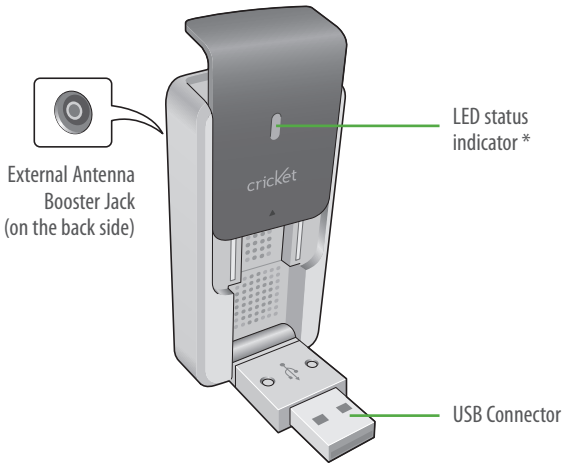
WHAT'S INSIDE THE PRODUCT PACKAGE

The following items are included in the product package. If any of the items listed below are missing, please contact the retail location where you purchased the product.

- UM185C Wireless USB Modem
- Quick Start Guide

INTRODUCTION TO CRICKET UM185C WIRELESS USB MODEM

The Cricket UM185C is designed for your laptop or desktop computer's USB port, which is available in most models. The UM185C can be used to access the Internet, your company's intranet, or you can use it to send and receive email. It is extremely useful when you are away from the office, on the road, or wherever a wireline Internet access is not readily available.

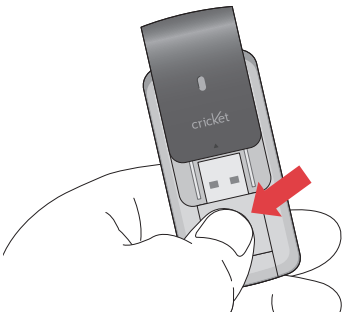


Blue light: Connected to laptop or desktop computer and detected to network
Red light: Connected to laptop or desktop computer but out of service status

Before Using UM185C

PRODUCT FEATURES

- Power management: The UM185C utilizes power management and system overhead reduction functions provided by the USB interface for maximum power savings.
- Antenna design: Efficient, innovative internal antenna design optimizes data transfer rate and sensitivity to network signals.
- USB Modem that supports Type A USB Port interface.
- Supports North American US_PCS, Wireless CDMA and AWS bands.
- Utilizes QUALCOMM QSC6085 chipset.
- Supports 3G network technologies.
- Maximum Data Rate: 3.1 Mbps download; 1.8 Mbps upload.
- Supports Windows XP and Vista systems with installed host software and driver.
- Compatible with Mac OS x 10.4.11 or higher.
- Provides Cricket Wireless Internet service.
- The datacard cover automatically closes when you push the designated point as displayed in the following figure.
- When using the UM185C, please slide the black USB cover UP for the best reception.



PRODUCT HANDLING

1. Do not put any adhesive label on the USB connector. It may leave a sticky residue that can cause problems inside the USB port.
2. The UM185C USB device should easily slide into the USB port. Do not force the UM185C into the USB port as it may cause damage to the modem and/or the port.
3. Keep the UM185C in a dry and clean place. (Storage temperature: -22°F to 149°F [- 30°C to 65°C]).
   Keep your device away from liquids, dust and excessive heat.

CONFIGURATION

To use the UM185C, you should first install the software included on the device and configure the UM185C USB device. See the next section for more information on software installation and USB device configuration.

Installation and Setup

The Cricket Broadband Connect and installation and setup procedure of your USB modem.

The Cricket Broadband Connect Setup Program (WINDOWS)

The Cricket Broadband Connect Setup Program (MAC)

Installation and Setup

This chapter will guide you through the installation and setup process for Cricket Broadband Connect. Before getting started, you should become familiar with the documentation that came with your wireless device.

GETTING STARTED (WINDOWS)

Follow these steps to install Cricket Broadband Connect:

1. Turn on your computer and close all applications.
2. Insert the UM185C into the USB port.
3. If set up does not automatically start:
   a. Click the Start Button
   b. Choose My Computer
   c. Find and double click on the drive icon (Cricket Broadband Connect) that represents the data card.
4. Follow the steps in the next section.

GETTING STARTED (MAC)

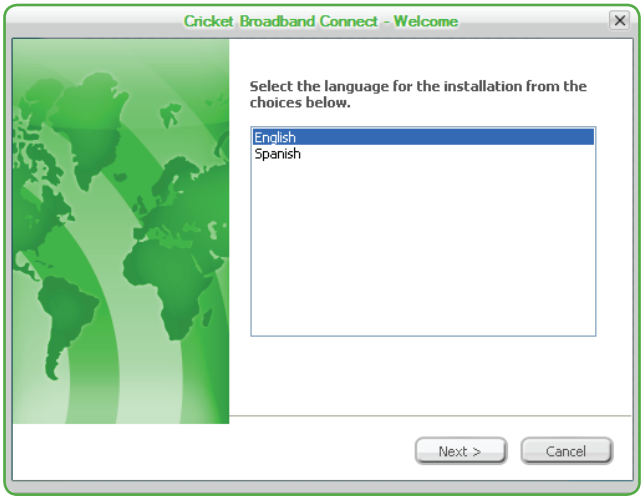
Follow these steps to install Cricket Broadband:

1. Turn on your computer and close all applications.
2. Insert the UM185C into the USB port.
3. Find and double click on the drive icon that represents the data card.
4. Find and run the Cricket Broadband icon in the MAC Cricket broadband folder.
5. Double click the Cricket Broadband icon to begin the installation.
6. Follow the steps in the next section.

THE CRICKET BROADBAND CONNECT SETUP PROGRAM (WINDOWS)

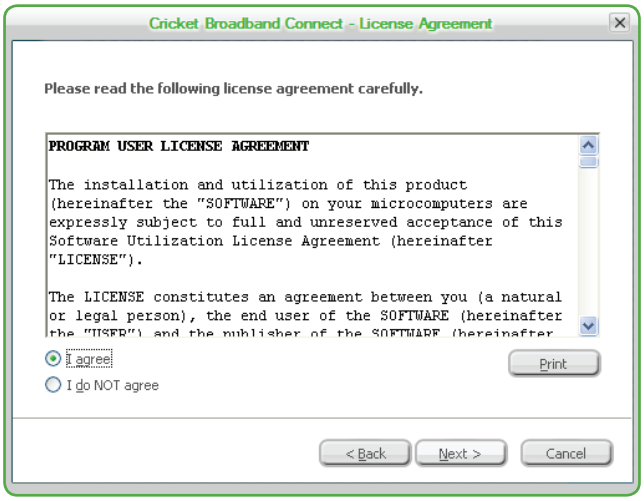
STEP 1: To install on your hard drive, connect your device to your PC. The installation process will start automatically.

Select the language for the installation from the choices below – "English"and "Spanish" and click "Next."

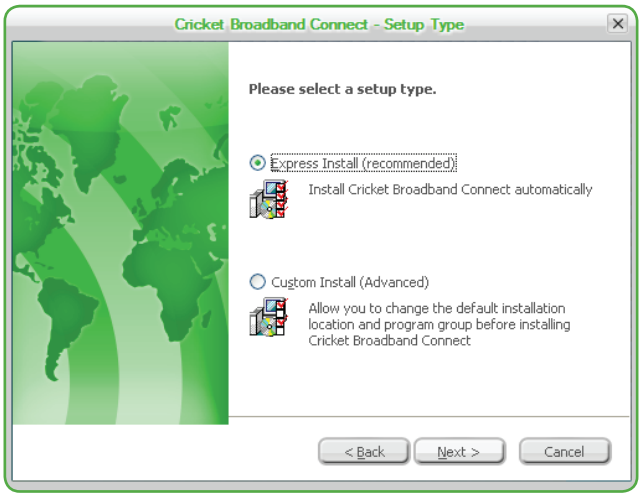


Installation and Setup

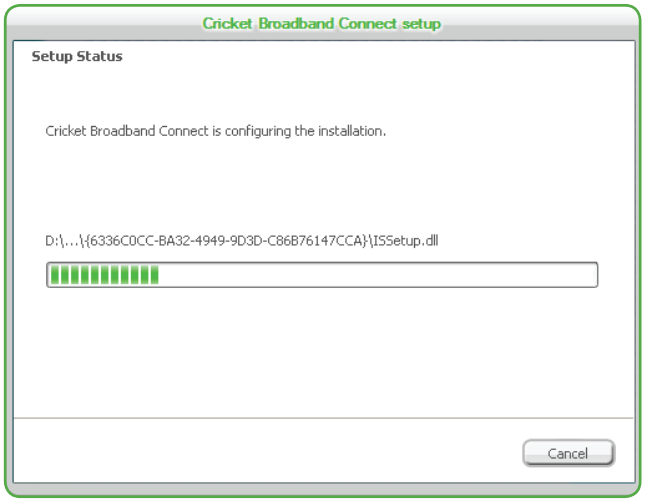
STEP 2: In the "Cricket Broadband Connect – License Agreement" screen, you will see the program user license Agreement. In order to install and use this product, you must agree with the terms of this agreement. Select "I agree" then click the "Next" button to continue. If you do not agree with this agreement, click the "Cancel" button to exit.


Cricket Broadband Connect - License Agreement
Please read the following license agreement carefully.
PROGRAM USER LICENSE AGREEMENT
The installation and utilization of this product (hereinafter the "SOFTWARE") on your microcomputers are expressly subject to full and unreserved acceptance of this Software Utilization License Agreement (hereinafter "LICENSE").
The LICENSE constitutes an agreement between you (a natural or legal person), the end user of the SOFTWARE (hereinafter
I agree
I do NOT agree
Print
< Back
Next >
Cancel

STEP 3: After agreeing to the License Agreement, you will see the "Cricket Broadband Connect - Setup Type" screen. You can select from the two setup type – Express install or Custom Install. It is recommended that you choose Express Install. Click the "Next" button to continue.


Cricket Broadband Connect - Setup Type
Please select a setup type.
Express Install (recommended)
Install Cricket Broadband Connect automatically
Custom Install (Advanced)
Allow you to change the default installation location and program group before installing Cricket Broadband Connect
< Back
Next >
Cancel

STEP 4: During this step, the components of Cricket Broadband Connect are being installed onto your computer.

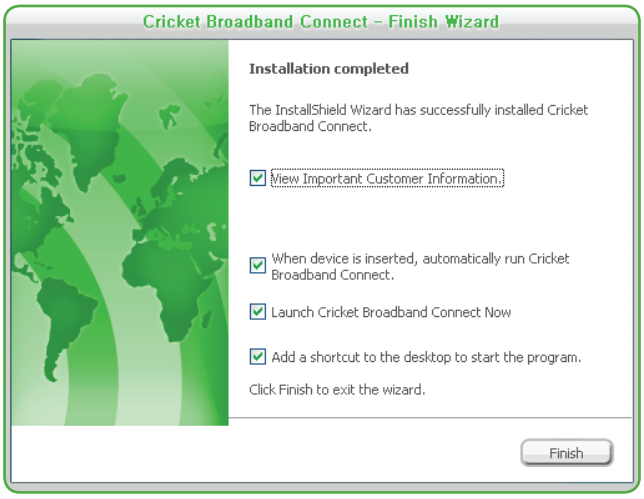


Installation and Setup

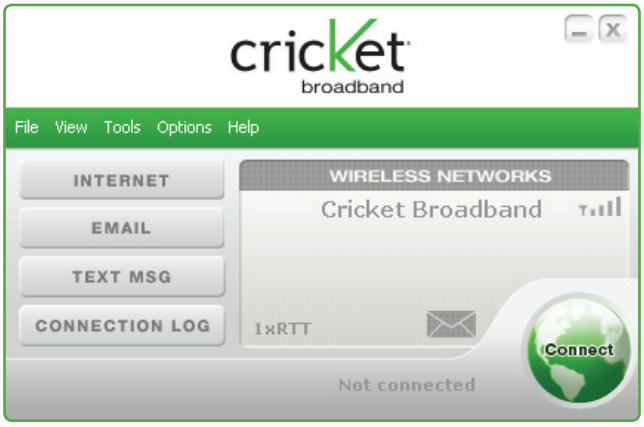
STEP 5: "The Install shield Wizard has successfully installed Cricket Broadband Connect" appears on the screen. Click the "Finish" button.

Cricket Broadband Connect - Finish Wizard
Installation completed
The InstallShield Wizard has successfully installed Cricket Broadband Connect.
When device is inserted, automatically run Cricket Broadband Connect.
Launch Cricket Broadband Connect Now
Add a shortcut to the desktop to start the program.
Click Finish to exit the wizard.
Finish

After complete the installation, Important Customer Imformation will be installed to your PC. Adobe Acrobat reader required to view this file. If Adobe Acrobat reader is already installed, the screen will be seen as followed.


Cricket Broadband Connect - Finish Wizard
Installation completed
The InstallShield Wizard has successfully installed Cricket Broadband Connect.
View Important Customer Information.
When device is inserted, automatically run Cricket Broadband Connect.
Launch Cricket Broadband Connect Now
Add a shortcut to the desktop to start the program.
Click Finish to exit the wizard.
Finish

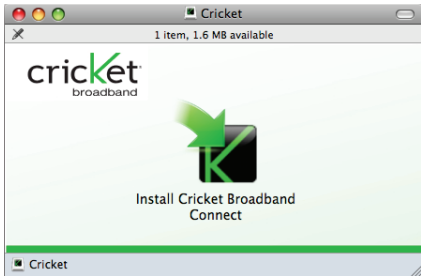
STEP 6: The setup program will create an Access shortcut and the Cricket Broadband Connect will launch automatically. Now the installation is complete.



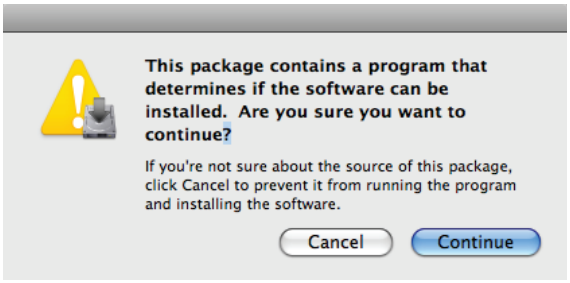
Installation and Setup

THE CRICKET BROADBAND CONNECT SETUP PROGRAM (MAC)

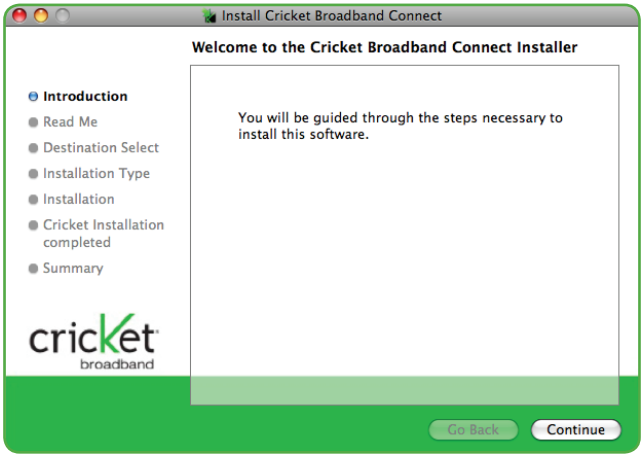
STEP 1: Click the Cricket Broadband Connect setup program.



When the pop-up screen appears to confirm installing the software, click the "Continue" button to continue with the installation process.

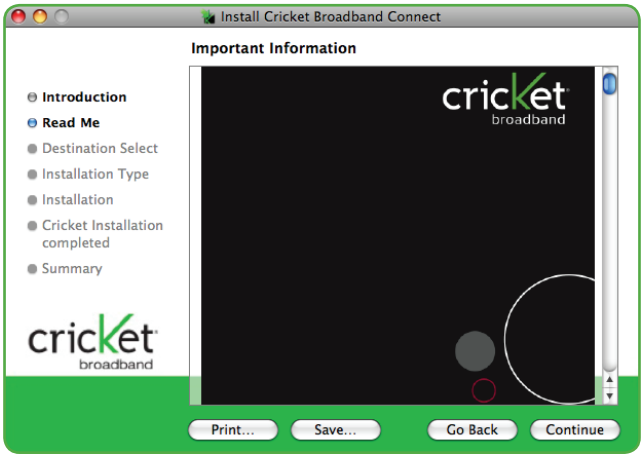

This package contains a program that determines if the software can be installed. Are you sure you want to continue?
If you're not sure about the source of this package, click Cancel to prevent it from running the program and installing the software.
Cancel
Continue

STEP 2: The "Welcome" screen appears. Click the "Continue" button.

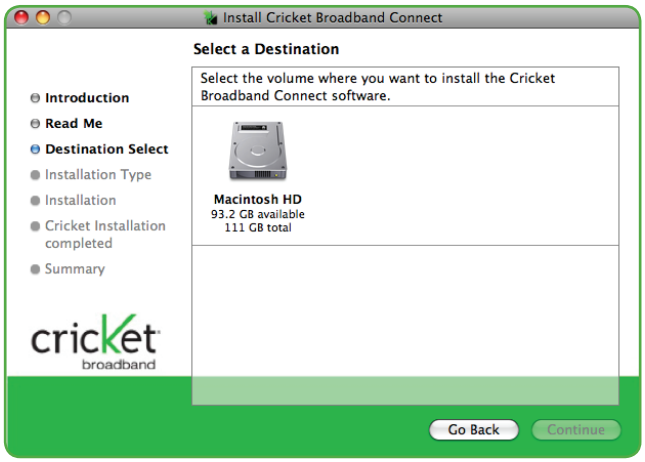


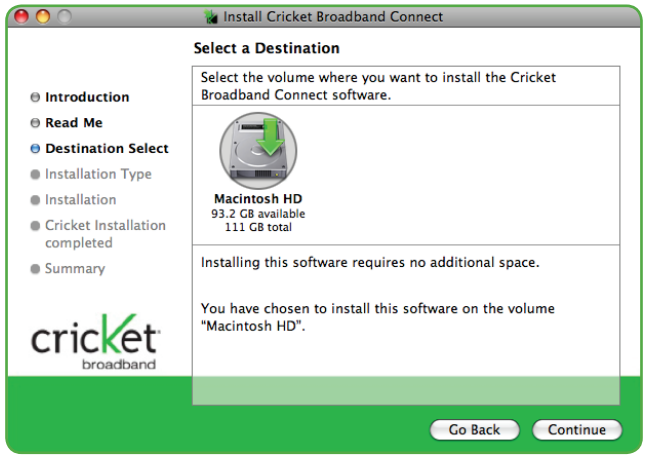
Installation and Setup

STEP 3: The "Read Me" screen appears. Click the "Continue" button.



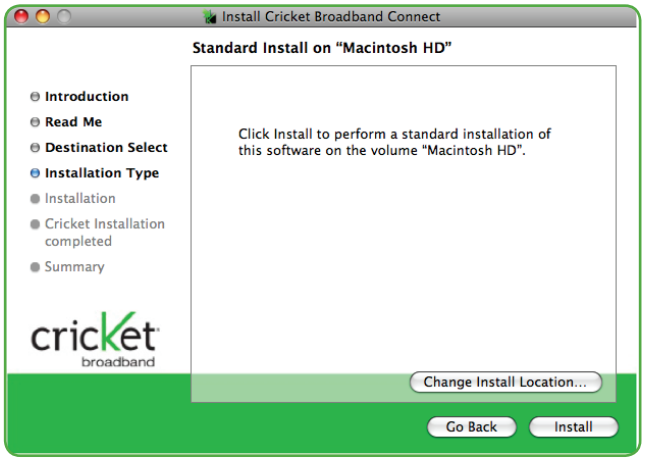
STEP 4: You are now ready to select the location on your computer where Cricket Broadband Connect should be installed.



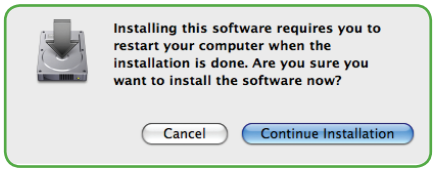


Installation and Setup

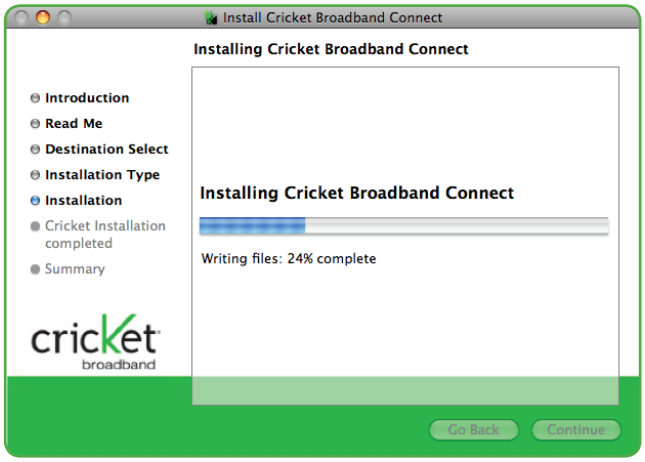
STEP 5: During this step the components of Cricket Broadband Connect are being installed onto your computer. Installation will occur to the destination folder specified in Step 3 above or you may change the installation location by pressing "Change Installation Location...".



STEP 6: Installing the software requires you to restart your computer when the installation is complete. Please check that no other programs are running, then press "Continue Installation".

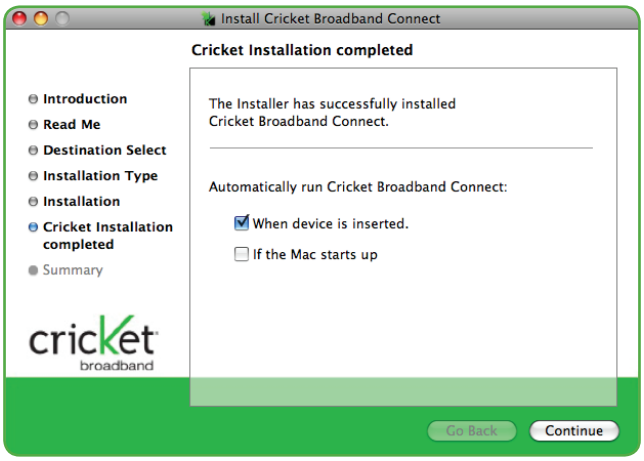

Installing this software requires you to restart your computer when the installation is done. Are you sure you want to install the software now?
Cancel
Continue Installation

STEP 7: While your computer is running the installer script, do not turn your computer off.

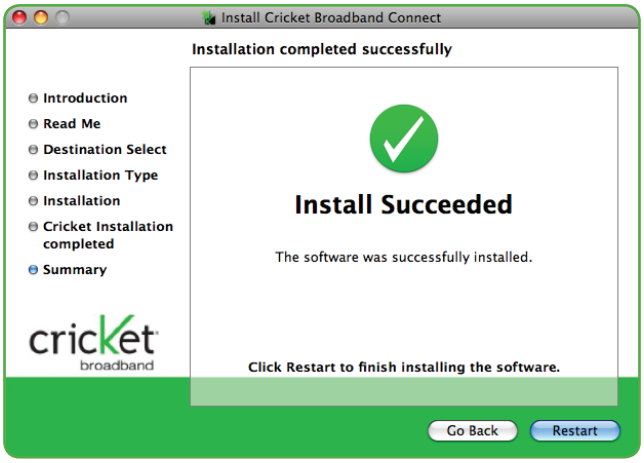


Installation and Setup

STEP 8: If you want to create an Access shortcut on your desktop, select "Create an alias on the desktop" and press "Continue".



STEP 9: Installation is now complete. Click the "Restart" button to leave the Cricket Broadband Connect setup program and restart your computer.



Please note that Text Messaging is currently unavailable on Mac; this functionality is coming soon!

To view the Guide go to Help > Guide. Adobe Acrobat reader is required.

Installing UM185C

3

This chapter addresses the hardware installing procedure.

Precautions

Recommended System Requirements

Installing Software

Installing UM185C

PRECAUTIONS

- Once the modem has been inserted into the laptop or desktop computer, do not remove it without first completing the unplugging/ejection process.

RECOMMENDED SYSTEM REQUIREMENTS

Cricket Broadband Connect operates in Windows® 2000, XP or Vista environments.

Check the following points in order to ensure the application works correctly:

- Minimum screen resolution recommended: 800x600 256 colors
- 30 MB available hard disk space

WINDOWS® 2000 SERVICE PACK 4

- 300 MHz Processor or higher
- 512 MB of RAM recommended
- Service Pack 4

WINDOWS® XP SERVICE PACK 2 OR HIGHER

- 300 MHz Processor or higher
- 512 MB RAM recommended
- Service Pack 2

WINDOWS® VISTA SERVICE PACK 1 OR HIGHER

- PC featuring a Pentium® IV 2 GHz or better processor.
- 512 MB of RAM recommended.

MAC OS X 10.4.11 OR HIGHER

INSTALLING SOFTWARE

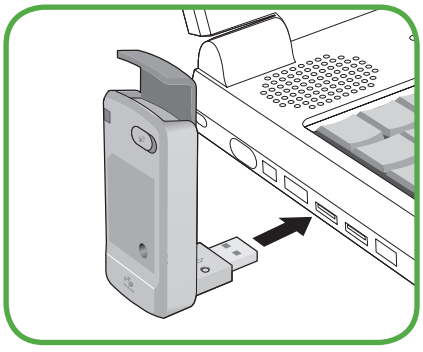
INSTALLATION

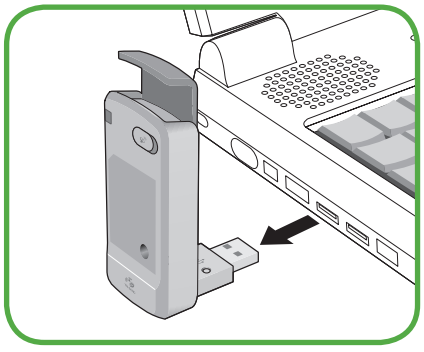
- If you install Cricket Broadband Connect, it will install the USB Driver for the UM185C. Follow the instructions from the Cricket Broadband Connect for installation.

WARNINGS!

- Make sure to complete the unplugging/ejection process BEFORE removing the UM185C. If you remove the device improperly, the product may be damaged.

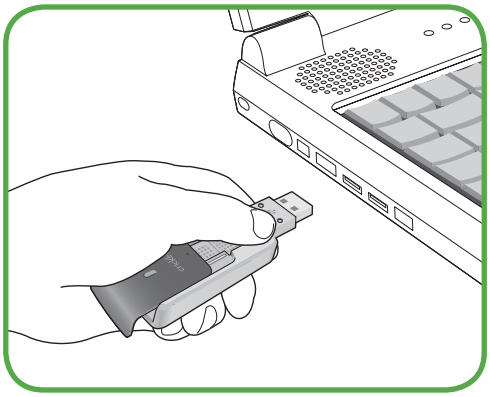
- If you have inserted the device properly, Windows will inform you of the new hardware. Wait until Windows completes the "Found New Hardware" task. In Windows XP, several tool tips similar to the "Found New Hardware" function will appear and disappear in the system tray automatically. In Windows Vista, several tool tips similar to the "Installing device driver software" function will appear and disappear in the system tray automatically. Once hardware detection is complete, you will be prompted to start activation.
- It is normal to hear a short beep sound each time you insert or remove the UM185C. It is an audible notification that your laptop or desktop computer recognizes the new hardware.





Installing UM185C

When removing the UM185C, always grip the top and bottom of the modem and push/pull carefully.



Using Cricket Broadband Connect

4

This chapter provides information about Cricket Broadband Connect software.

Features

Getting Started

Connecting

Using Cricket Broadband Connect

Today's online world offers more services everyday and Cricket Wireless gives you the tools you need to take advantage of the best in connectivity solutions. With Cricket Broadband Connect, enjoy the freedom and convenience of wireless Internet connectivity from your computer!

FEATURES

WWAN (WIRELESS WIDE AREA NETWORK, 1xEV-DO/1xRTT) SPECIFIC FEATURES

- Configures your laptop or desktop computer to use your wireless device as a modem.
- Creates a Cricket Wireless Internet connection.
- Copy utility to create wireless copies of your dial-up connections, if supported by your device.
- Signal strength display for your Wireless USB Modem.
- Features a test function for your WWAN device.

A WWAN capable device is required to use the WWAN features. Individual WWAN features are also device dependent as described in the WWAN section above.

OTHER FEATURES

- Can also be used to launch all of your dial-up networking connections, if desired.
- Can launch your browser, e-mail client, VPN or a program of your choice upon connection.
- Logs connections used, duration and bytes sent and received.
- See the section "Additional Features" for more information about the features of Cricket Broadband Connect.

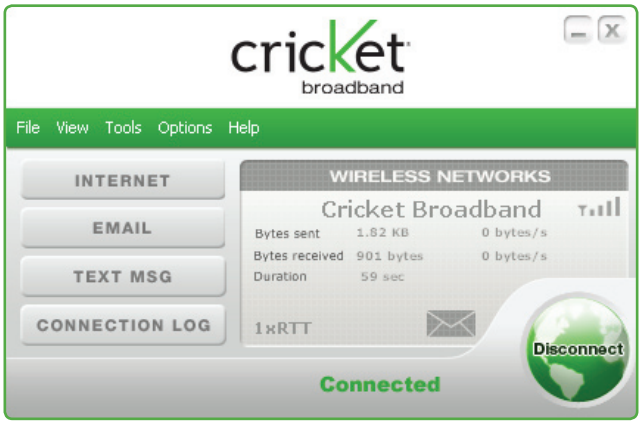
GETTING STARTED

Double click on the Cricket Broadband Connect icon on your desktop or click on the Windows Start menu and select Cricket Broadband Connect from the list of Programs.

ABOUT THE NETWORKS VIEW

The Cricket Broadband Connect will open the Broadband Networks window by default. This view is where you manage your Broadband connections. The Broadband Networks window displays all currently available network connections.

At a glance you can see the signal strength. Your current connection state and the elapsed time of the connection are displayed along the bottom of the status bar.



Using Cricket Broadband Connect

CONNECTING

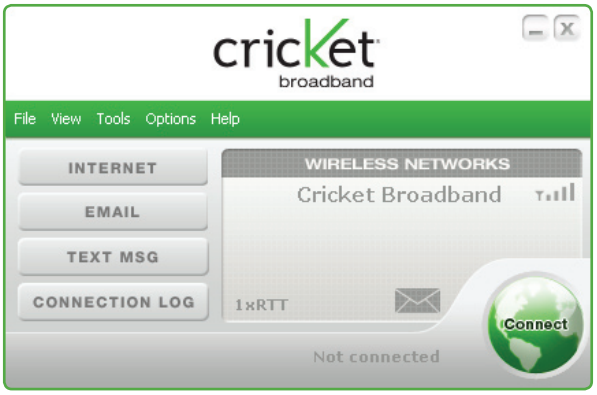
Cricket Broadband Connect allows users to connect to the data network by clicking one button on the main UI. This can also be access by selecting the **File** > **Connect to Internet**.

To help ensure users data usage stays within their data plans, there is an option in the application to set Cricket Broadband Connect to Disconnect the Internet connection after a specific amount of time or after a specific amount of data has been exchanged.

When creating the Internet connection, Cricket Broadband Connect must get the phone number from the device and include it as the username when needed. The Data Connection is accessed using the modem or over NDIS.

Once your device is properly configured, connecting to the Internet is as simple as selecting the network connection type shown in the list and clicking the connect button.

Once connected, the Earth shape button will change to "Disconnect". Simply click this to end your current connection. To connect to any other network shown, select it, and then select "Earth shape".



THE STATUS BAR

Information regarding your current network connection can be seen in the status bar along the bottom of the Cricket Broadband Connect interface. For more information on this status bar, see the section "The Status Bar" in the "Additional Features" section.

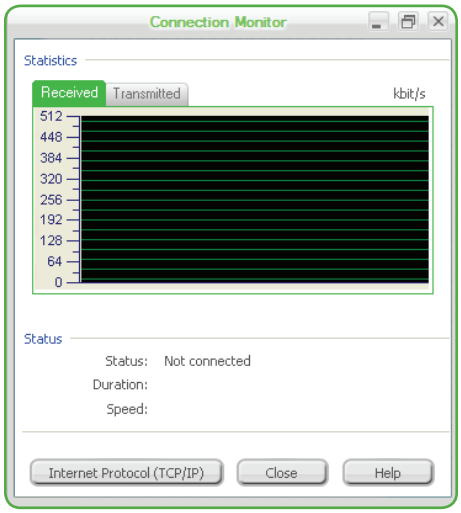
At any time during your connection you can check your current connection speed and throughput stats in the Statistics tab of the Session Information window. To see this window, select "Statistics" from the "View" menu.

The Connection Monitor window displays information about your data connection.

The Statistics section provides real time data throughput for current data connection. The Received tab provides received real time throughput. The transmitted tab provides transmitted real time throughput.

The status section indicates the status, the duration and the speed of your connection. This information is required to be the same as the information displayed on the main screen.

The Internet Protocol (TCP/IP) button displays the Internet Protocol (TCP/IP) windows shows the Internet Protocol properties.



Using Cricket Broadband Connect

USING THE "DATA" CONNECTION:

By default Cricket Broadband enables the software for data connections. If your connection fails when you try to connect, please try to reconnect.

DORMANCY:

The data session becomes dormant if you are not sending or receiving any data. As soon as you resume sending or receiving data, the data session will return to an active state.

ADDITIONAL FEATURES

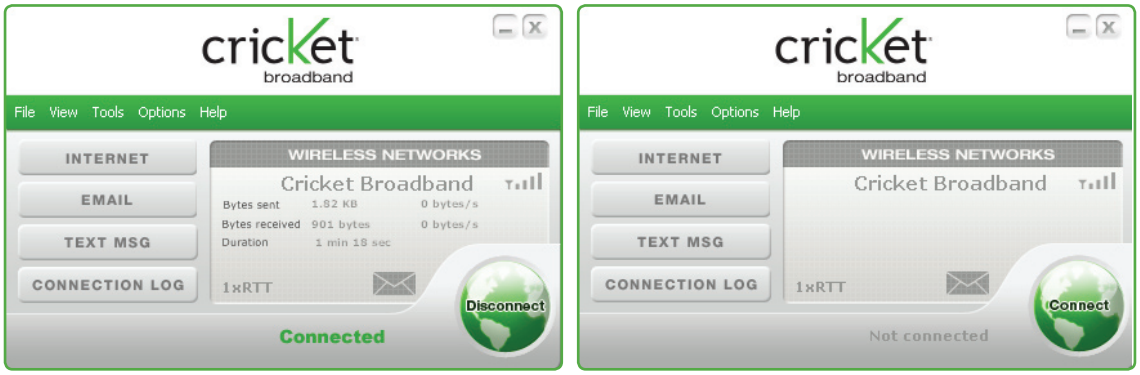
In addition to the basic features mentioned in previous sections, Cricket Broadband Connect has the additional features listed below.

STATUS BAR

The details of your current connection can be seen in the status bar at the bottom of Cricket Broadband Connect interface. This status bar is always visible when the interface is fully expanded.

CONNECTION STATUS

The text on the status bar reflects your current state. During an active connection, this text will change to "Connected". If you are not connected, it will display "Not Connected".



WWAN USB MODEM STATUS AREA

The text can change to the following:

- **Device not connected:** Your WWAN USB Modem is removed from the laptop.
- **Device not activated:** Your USB Modem needs to be activated. Select "Activation" from the Options menu.

THROUGHPUT

The amount of data that you have sent and received since the current network connection was initiated can be seen by holding the mouse over the green up and down arrows on the left side of the status bar.

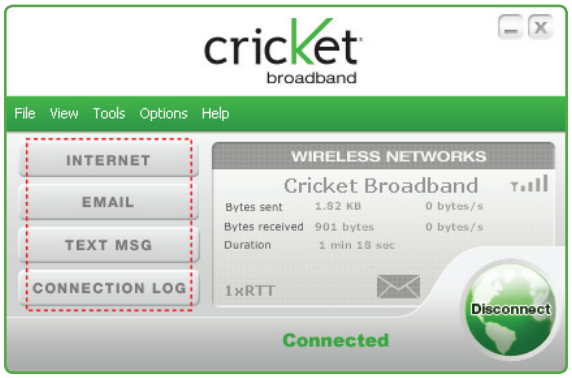
ELAPSED TIME

The amount of time that has elapsed since the current network connection was initiated is tracked on the lower left side of the status bar.

Using Cricket Broadband Connect

QUICK LAUNCH ICONS

- **INTERNET** – Launch default Internet browser.
- **EMAIL** – Launch default e-mail client
- **TEXT MSG** – Launch to send a SMS
- **CONNECTION LOG** – Launch Data connection logs



TEXT MSG

This module lets you handle text messages easily, allowing you to edit and send text messages via the keyboard of your computer.

HOW IT WORKS

Messages are downloaded from the device to the PC automatically.

Unread messages are kept at the Service Center for a specified time. This time is specified by the message sender using the Validity option in the Send options window (Text Msg > Tools > Options) .

SEND TEXT MSG

1. From the main application window, click the Text Msg button.
   The Send Text Message window displays.
2. Enter your contact details in the appropriate field or click the To... button in order to copy the information from the Contacts.

You can send a message to several recipients; to do so enter recipient's numbers separated by a semicolon.

3. Enter your message.
4. Click the Send button to complete the transmission.

A text message has a limit (up to 150 characters) which depends on the service center that will forward your message. An indicator at the bottom right of the window indicates the total number of messages that will be sent.

RECEIVE TEXT MSG

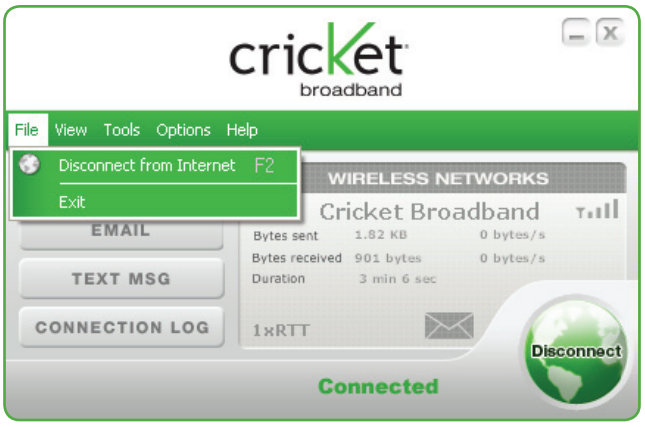
1. From the application main window, select View > Text Msg > Inbox.
   Or double-click the envelope in the status area.
   The Inbox window displays.
   If your mobile phone contains received messages and if it is connected to your PC, the messages are transferred automatically to the Inbox.
2. Click . Check whether you have received new text messages.

REPLY TO A TEXT MSG

1. From the application main window, select View > Text Msg > Inbox.
   Or double-click the envelope in the status area.
   The Inbox window displays.
2. Select the message you want to respond to.
3. Click . This button displays the Send Text Message window, and the fields corresponding to the recipient's name and number are filled in automatically.
4. To send your response, proceed as you would to send a new text message.

Using Cricket Broadband Connect

THE FILE MENU



CONNECT TO INTERNET / DISCONNECT FROM INTERNET

Allows you to manage your Internet.

EXIT

Exit the application.

THE VIEW MENU

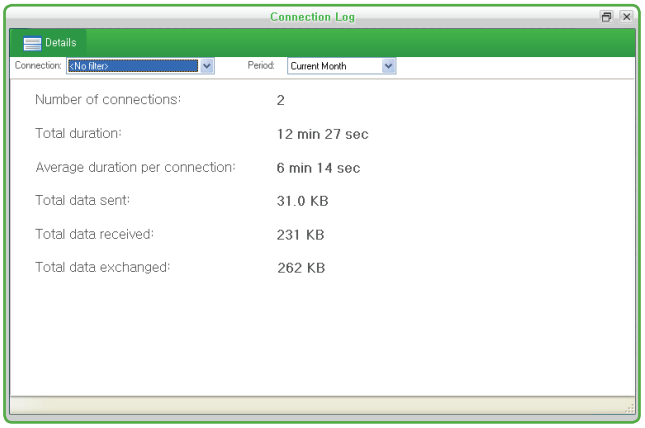
STATISTICS

The main screen shows you information about your data connection. The data displayed is the Network Speed, Connection Duration, and the Bytes sent and received. This information is required to be pulled from the device, and not from Windows.

DATA CONNECTIONS LOG

Cricket Broadband Connect contains a log file of all connection made using the application. The data in the log can be easily sorted by connection, number, date/time, duration, bytes sent, bytes received, total bytes and status. The data will be taken from the device and then deleted on the device and stored on the PC. This ensures if the user connects outside of the software it is still recorded into the log file.

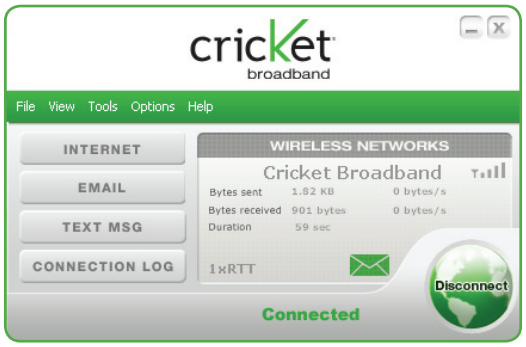
The data that are recorded and stored in the log file are Numbered Dialed, Call Duration, Bytes Sent, Bytes Received, Total Bytes, Date/Time of call, Disconnect Errors (Errors recorded are the Windows errors received when making the connection).


Connection Log
Details
Connection: <No filter>
Period: Current Month
Number of connections: 2
Total duration: 12 min 27 sec
Average duration per connection: 6 min 14 sec
Total data sent: 31.0 KB
Total data received: 231 KB
Total data exchanged: 262 KB

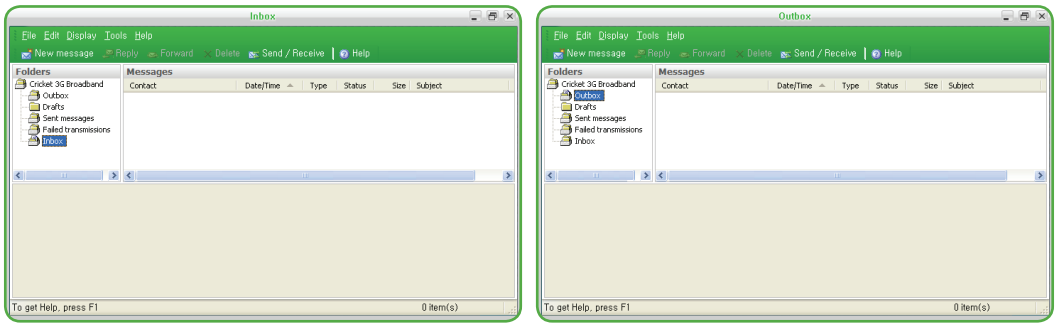
Using Cricket Broadband Connect

TEXT MESSAGING

When a new text message is received the text message icon on the main screen will flash.
Clicking on this icon will open the Text Msg Inbox.



Cricket Broadband Connect will read the Text messages from the modem and display them in the **inbox**.
This can be accessed though the main screen or by selecting **View > Text Msg > Inbox**.



The Inbox displays information about the message and give you the ability to create a new message, reply to an existing message, forward a message, and to delete messages.
There is also the ability to create folders and organize the messages.
The default Text Message Inbox subfolders are
Outbox – Text messages waiting to be sent
Drafts – Text messages saved as Drafts
Sent Messages – Text messages successfully sent
Failed Transmissions – Text messages that failed to send
Inbox – Default folder new text messages are saved into

OPERATIONS ON DOCUMENTS/TRANSMISSIONS:

1. Click a document/transmission to select it.
2. Then click the button corresponding to the desired action.

Inbox

Using the menus:

To create a new Mailbox, from the **File** menu, select **New** and **Mailbox**.
To view a document, from the **File** menu, select **Open**.
To print a document, from the **File** menu, select **Print**.
To save a document in text format, from the **File** menu, select **Save As...** .
To modify a document status, from the **Edit** menu, select **Change status...** .

Using the buttons

- Write a new message
- Reply to the document sender
- Forward a received document
- Delete a document
- Send/Receive text messages

Using Cricket Broadband Connect

Outbox

Right click on your mouse.

- Modify a pending transmission
- Disable one or more transmissions
- Reactivate one or more transmissions

Use the **Exit** option in the **File** menu or the **Esc** key to close the window.

THE TOOLS MENU

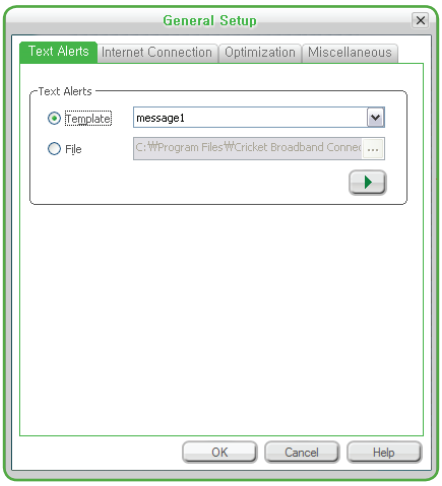
GENERAL SETUP

General Setup allows users to make changes to the application. This section is split into multiple parts.

The first section allows user to change and view what modems are active in the application.

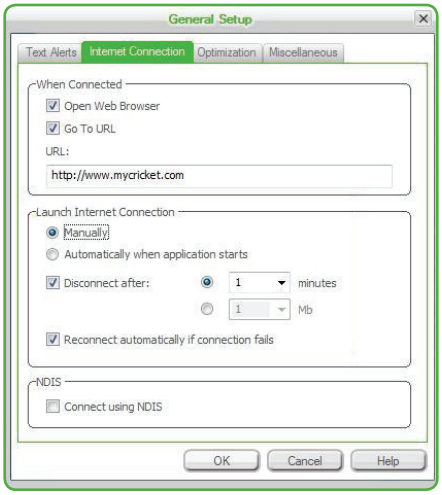
TEXT ALERTS TAB

The section allows users to change the ring tone that is played when a SMS message is received. This section needs to be changed to Text Alerts.



INTERNET CONNECTION TAB

The second option allows users to change the Internet options. Here you can set Cricket Broadband Connect to disconnect after a specific amount of time or data. You can also set Cricket Broadband Connect to connect automatically when the application starts and the option to connect if the connection fails. In the past the option to connect after the connection fails was dependent on starting the connection when the application starts. This needs to be changed to be two separate options.



Using Cricket Broadband Connect

In the Internet Connection section, click the "Manually" button and then you can set up the disconnection:

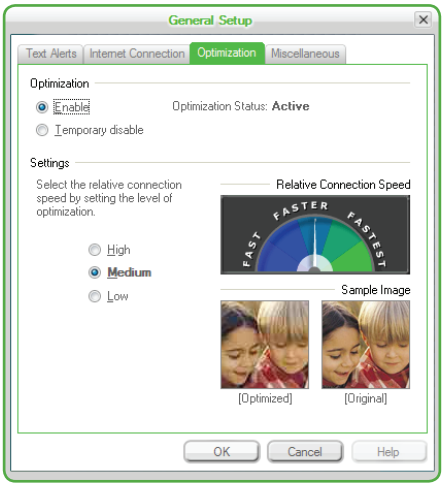
1. Check the box.
2. Then click the corresponding radio button to define specific amount of time or data.
3. Use the scrolling list to select amount of minutes or Mb.

In the NDIS section, you can connect to the data network over modem or over NDIS. Check the box to use NDIS.

Move to another tab if necessary or click the OK button to confirm your choice. You can also set to connect automatically when the application starts and if the connection fails.

OPTIMIZATION TAB

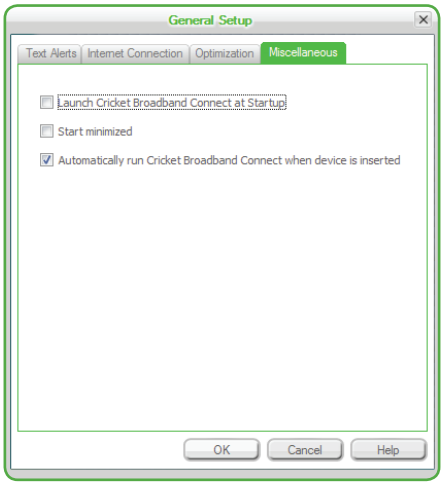
The third option allows users to change the optimization status.



1. Then click the radio button of Enable or Temporary disable to activate the Optimization status.
2. Click the levels (High, Medium, Low) in Settings to set the Optimization speed.

MISCELLANEOUS TAB

The last section displays the start up features. Here you can select to start Connection Manager on Windows boot along with the ability to start the application minimized.



Launch Cricket Broadband Connect at Startup: Automatically launches Cricket Broadband Connect whenever you start your computer.

Start minimized: When you minimize the application it will now show in the Windows task bar. To restore the application click on the Cricket Broadband Connect tray icon.

Automatically run Cricket Broadband Connect when device is inserted

Using Cricket Broadband Connect

CONTROL PANEL

The control panels are accessed though the menu of connection manager. This section allows users to open new windows for details on their device and about their PC.

Modem will open the Windows phone and modem details.

Network and Dial-Up Connection will open Windows Network Connection Page

Internet will open the Windows Internet Properties page

All will open the Windows Control Panel

DIAL-UP ACCOUNTS

Add Wireless

You can connect to the Internet using your device.
To perform this feature, your phone has to be connected and turned on.

1. In the main application window, click **Tools** > **Dial-Up Accounts** > **Add Wireless**.

   The **Internet Connections** window displays

   Within the **Internet Connections** window, you can also:

   - Manage your connections (create, delete or edit your connections).
   - View in real time the connection information (Operator, Network, Connection time, Data received or sent).
   - View your connection logs.

2. Double click **Add new connection** button.

   The Internet Connection Wizard displays.

3. Follow the instructions of the wizard. It will guide you in creating and managing your connections.

   The connection created becomes the default connection. The icon for this connection and, if applicable, that of the fallback connection are added to the Internet Connections window.

4. Repeat the same steps for each connection to be created.

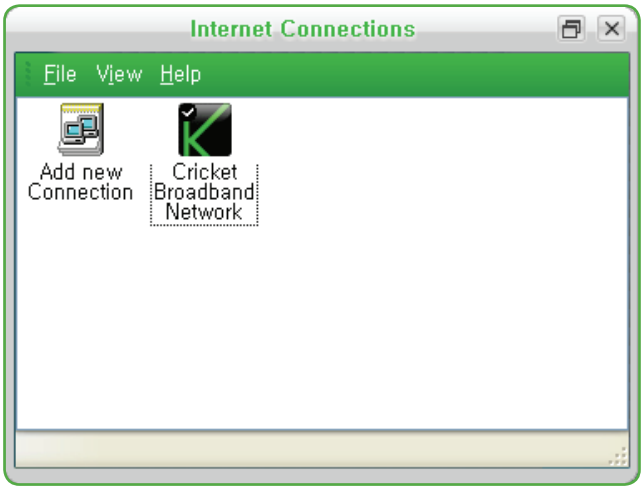
When you access the Connection type screen, check the Use default parameters box if you would like the wizard to use preset data for the operator you have chosen (recommended). If you uncheck this box, refer directly to online Help(F1): Use Intenet Connection Wizard topic.

Once you have created a connection, the Internet Connection wizard closes.
You can set up your connection in the **Internet Connections** window.
For example, you can select another icon for your connection:

1. Right-click the icon of the connection to which you wish to modify and select the **Select Icon...** option in the popup menu that is displayed.
   The Select Icon window opens.

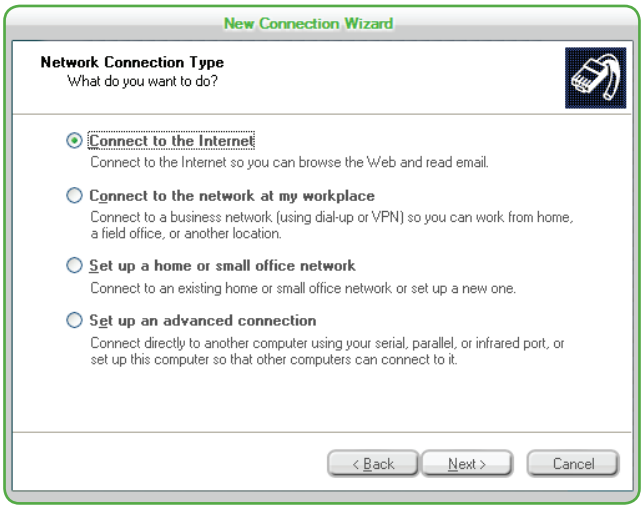
2. Select one of the icons shown in the Icon section or click the **Browse...** button to specify the path to the file of an icon saved in your computer.

3. Click **OK**. The icon selected is immediately replaced by the new one.



Add Other

1. In the main application window, click **Tools** > **Dial-Up Accounts** > **Add Other**.
   The **New Connection wizard** appears.
2. Click the type of connection you want to create.
3. Follow the instructions of the **New Connection wizard**: it will guide you through the creation process.


New Connection Wizard
Network Connection Type
What do you want to do?
Connect to the Internet
Connect to the Internet so you can browse the Web and read email.
Connect to the network at my workplace
Connect to a business network (using dial-up or VPN) so you can work from home, a field office, or another location.
Set up a home or small office network
Connect to an existing home or small office network or set up a new one.
Set up an advanced connection
Connect directly to another computer using your serial, parallel, or infrared port, or set up this computer so that other computers can connect to it.
< Back
Next >
Cancel

THE OPTION MENU

REFRESH NETWORK

This causes Cricket Broadband Connect to verify connected devices and to scan for available Networks. Use this feature if you connected your equipment after launching Cricket Broadband Connect. Pressing the F6 function key can also access this option.

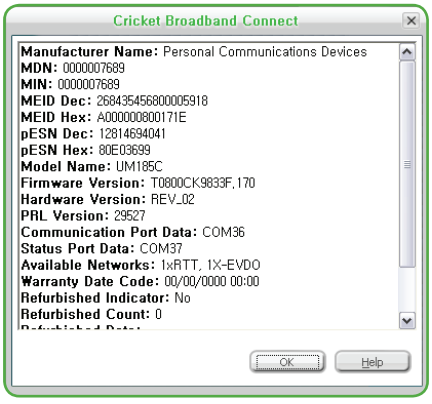
TEST WWAN DEVICE

Test device communicates with the device to verify the following information.

- Results (If Connection Manager was able to communicate with the device)
- Manufacture
- Model
- Network Capability
- Current Coverage
- Software version of the device
- Device phone number

At the bottom of the window needs to be an option to retest and an option to close the window.

The option Network Capability will show 1XRTT/1X-EVDO-rev0/1X EVDO-rev A.

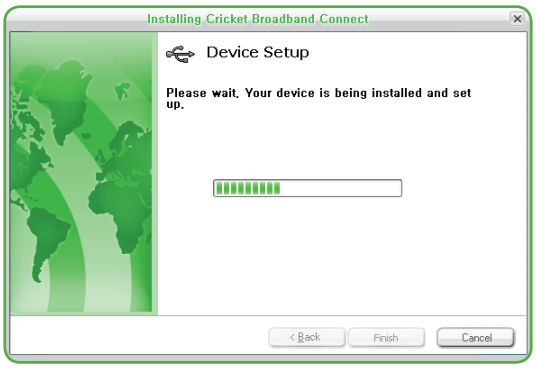


Using Cricket Broadband Connect

DETECT NEW DEVICE

You can setup a new device in the application.

1. In the main application window, click **Options** > **Detect New Device**.
   The **Device Setup wizard** appears.
2. Follow the instructions of the **Device Setup wizard**: it will guide you through the setup process.
   If this is the first time you have used your device, you have to run the activation.
3. In the main application window, click **Options** > **Activation**.
4. A window displays and indicates the activation progress.
   The activation is automatically done.



ACTIVATION

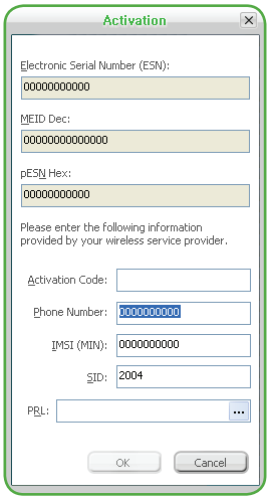
Connection Manager must provide an option to initiate and terminate OTASP sessions. An activation status is required. The status will display to users that their device is activating.

Activation must be run automatically. This is required based on the reading of the device state for NAM. The menu option for activation is **Options** > **Activation**.

MANUAL ACTIVATION

Manual activation page displays a window where the user can enter in information about their device. The fields are:

- **ESN** – This is not editable
- **MEID Dec** – This is not editable
- **pESN Hex** – This is not editable
- **Activation Code**
- **Phone Number**
- **MIN**
- **SID**
- **PRL** – PRL provides and option to browse on the PC to find the PRL file. After the user enters in their information and selects OK Cricket Broadband Connect programs the modem manually



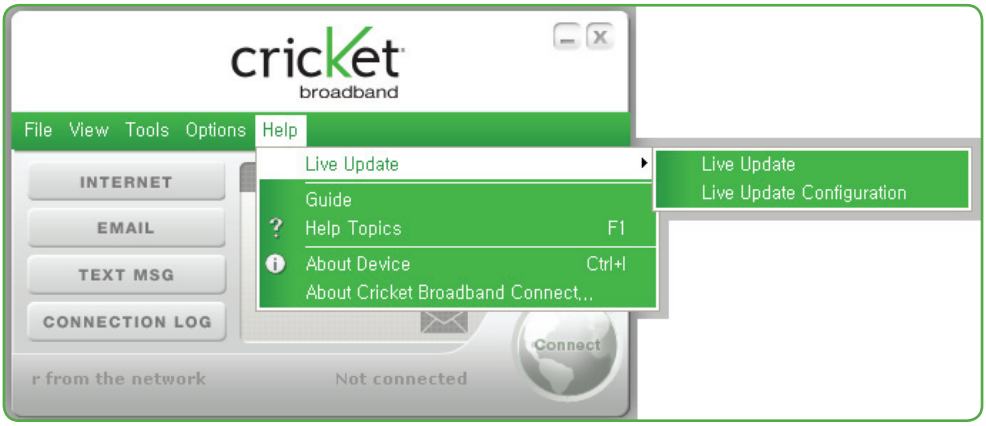
Using Cricket Broadband Connect

POWER OFF WWAN DEVICE

This is used to power the on/off Wireless Internet Card.

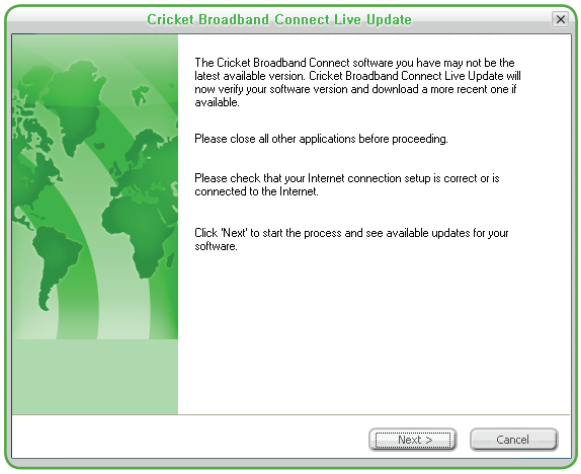
THE HELP MENU

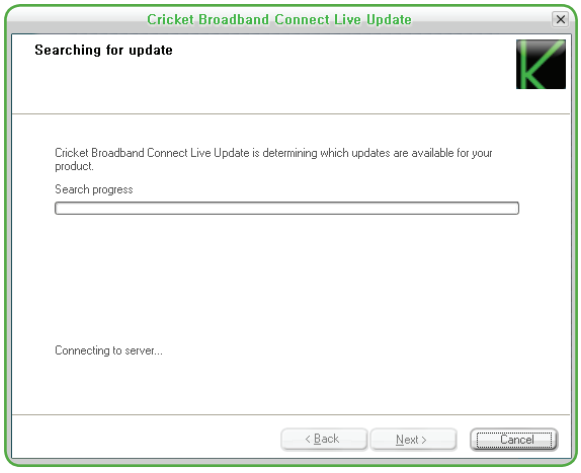
The Cricket Broadband Connect has a Help section. Please see the Help section for additional questions.



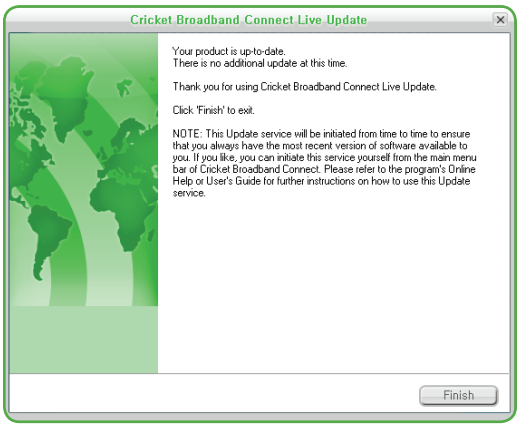
LIVE UPDATE

The Software offers a live update wizard that allows the application to be kept up to date. The Live Update wizard is a separate application that is integrated into Connection Manager. The application searches on the Internet for new updates based on version numbers and will download and install the update. This application can be run manually or automatically and is launched from the Start menu.


Cricket Broadband Connect Live Update
The Cricket Broadband Connect software you have may not be the latest available version. Cricket Broadband Connect Live Update will now verify your software version and download a more recent one if available.
Please close all other applications before proceeding.
Please check that your Internet connection setup is correct or is connected to the Internet.
Click 'Next' to start the process and see available updates for your software.
Next >
Cancel


Cricket Broadband Connect Live Update
Searching for update
Cricket Broadband Connect Live Update is determining which updates are available for your product.
Search progress
Connecting to server...
< Back
Next >
Cancel

Using Cricket Broadband Connect


Cricket Broadband Connect Live Update
Your product is up-to-date.
There is no additional update at this time.
Thank you for using Cricket Broadband Connect Live Update.
Click 'Finish' to exit.
NOTE: This Update service will be initiated from time to time to ensure that you always have the most recent version of software available to you. If you like, you can initiate this service yourself from the main menu bar of Cricket Broadband Connect. Please refer to the program's Online Help or User's Guide for further instructions on how to use this Update service.
Finish

GUIDE

Shortcut to the user guide

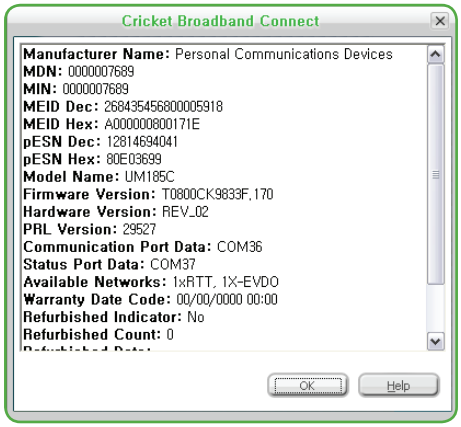
HELP TOPICS

Launches this help file.

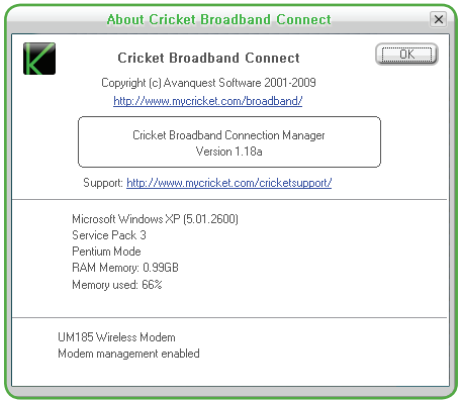
You can also access this help file from your UM185C.

ABOUT DEVICE

About device will have the following Information.



ABOUT CRICKET BROADBAND CONNECT



Regulatory and Safety Information

5

This chapter addresses the regulatory and safety information.

Regulatory Notices

Operating Conditions

Warnings and Cautions

Safety Precautions

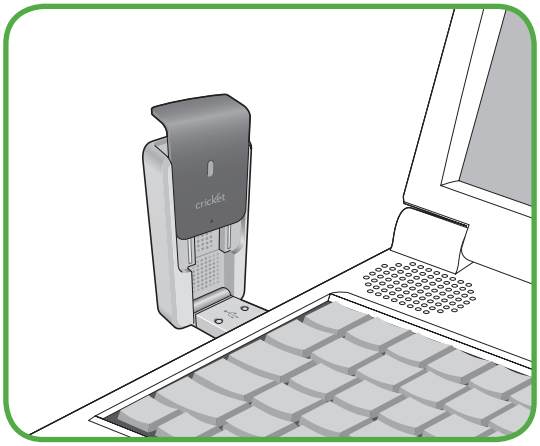
Regulatory and Safety Information

REGULATORY NOTICES

UM185C complies with Parts 15, 22, and 24 of the FCC rules. It has been tested with a typical personal computer with a USB port. This USB device must not be co-located or operated in conjunction with any other antenna or transmitter. If you use this USB device in any other configuration, the FCC RF Exposure compliance limit can be exceeded.

OPERATING CONDITIONS

1. This device may not cause harmful interference must accept any interference received, including interference that may cause undesirable operations.
2. The manufacturer stipulates that the antenna should be more than 1.5 cm (0.60") from by-standers and 1.0cm (0.39") from the user.



WARNINGS AND CAUTIONS

1. Modifying or changing this USB device without express authorization can nullify compliance with RF exposure guidelines.
2. This USB device has been tested and found to comply with the limits pursuant to Part 15, 22, and 24 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when appropriately installed. This USB device generates, uses, and can radiate radio frequency and, if not installed and used according to the instructions provided, it may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in any particular installation.
3. If this USB device does cause harmful interference with radio or television signals (determine this by turning the USB device off and on), attempt to correct the interference by trying one or more of the following:
   - Reorient or relocate the antenna.
   - Increase the separation between the USB device and receiver.
   - Connect the USB device into an outlet on a circuit different from that to which the receiver is connected.
   - Consult the dealer or an experienced radio/TV technician for help.
4. This USB device does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the interference causing equipment standard entitled "Digital Apparatus", ICES-003 of the Department of Communications.
5. If you have purchased this product under a United States Government contract, it shall be subject to restrictions as set forth in subparagraph (C)(1)(ii) of Defense Federal Acquisitions Regulations (DFARs) Section 252.227-7013 for Department of Defense contracts, and as set forth in Federal Acquisitions Regulations (FARs) Section 52.227-19 for civilian agency contracts or any successor regulations. If further government regulations apply, it is your responsibility to ensure compliance with such regulations.

Regulatory and Safety Information

SAFETY PRECAUTIONS

1. Data transmission and reception cannot be guaranteed because of the nature of wireless communications. Data can be delayed, corrupted or lost during transmission. Even though it is quite rare that significant data delay or loss occurs if the USB device is used in a normal manner, this USB device should not be used in cases that data transmission or reception failure could result in damage of any kind to the user or another party, including but not limited to personal injury, death or loss of personal property. Personal Communications Devices, LLC. bears no responsibility for damages or losses of any kind resulting from delays or errors in data transmission using the USB device, or for failure of the USB device to transmit or receive such data.
2. Do not use this USB device in areas where blasting is in progress, where explosive atmospheres may be present, near medical equipment, life support equipment, or any equipment which may be susceptible to any form of radio interference. Turn off this USB device in these areas, since it can transmit signals that could interfere with this equipment.
3. Do not use this USB device in any aircraft whether the aircraft is on the ground or in flight. Make sure to turn off this USB device in aircraft. If used in an aircraft, it can transmit signals that could interfere with various aircraft systems.
4. Do not use this USB device while driving a car, since it can distract the driver. In some area, using the communication device while driving a car is illegal.

* **WARNING:** This product contains a chemical known to the State of California to cause cancer.

* **WARNING:** This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Appendix

6

Glossary

Specific Absorption rates (SAR)

Safety Information for RF Exposure

U.S. Federal Communications Commission
Radio Frequency Interference Statement

Appendix

GLOSSARY

Analog Coverage
An area where analog service is available. Analog phones usually indicate signal strength on an indicator in the phone's display when receiving an analog signal.

Browser
The software that allows you to view the Internet; contains navigator commands such as forward and back; examples include Netscape, Microsoft Explorer. A Web browser in your computer requests HTML files from Web servers and takes you to the Internet sites you wish to visit, by linking your computer's IP address to a site's IP address.

COM PORT (communications port)
A connector for a communications interface, usually, a serial port.

Data
Information kept in databases, on an intranet, on the Internet, etc.

Driver
Software that controls a device.

Inactivity Time-Out
A stoppage in a connection, which usually occurs after a period of time elapses, without activity. Time-out settings are usually determined by the network.

Internet
A cooperatively run, globally distributed collection of computer networks that exchange information via a common set of rules for exchanging data (Transfer Control Protocol/ Internet Protocol or TCP/IP).

Intranet
An intranet is a web site created by a business, which posts its own company information in a secure part of the Internet that only employees or other authorized users can reach. Intranets are generally protected by firewalls.

Kbps
Kilobits per second.

Kilobyte (KB)
1024 bits (Approximately 1/2 page of plain text)

Modem
Hardware that translates and transmits data over wire-line or wireless.

Package Minutes
Package minutes are those minutes included in the cost of a monthly service plan. Once the packaged minutes have been exhausted, additional airtime charges apply. Please refer to Plans and Pricing for more information, details and offers in your area.

Packet Switching
Packet-switching messages are divided into packets or pieces before transmission over one or more routes and are reassembled at their destination.

POP3 e-mail
Protocol used by ISP's mail servers to manage e-mail for subscribers. E-mail clients such as Microsoft Outlook support POP3.

Proxy Settings
A specific I.P. address that allows access to a secured enterprise network. The proxy settings provide directions to a computer so that it can locate an address and access information and services, which exist at that location.

Search Engine
A program that receives a user's search request, compares it to the entries in the index, and returns results to help the user find relevant information.

Serial Port
A connector on a computer used to connect peripherals, which communicate using a serial protocol.

Serial/Data Cable
A wire that connects two serial ports carrying data to one another.

Transmission Speed
The rate at which data is sent over a communications line, usually measured in kilobits (kbps).

USB Port
A connector on a computer to connect peripherals using USB (Universal Serial Bus) protocol.

Appendix

SPECIFIC ABSORPTION RATES (SAR)

Maximum: SAR 1.19 W/kg CDMA835 Body
SAR 0.854 W/kg PCS1900 Body

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. *

Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use when worn on the body, as described in this user guide, is 1.19 W/Kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/ea/fccid after searching on **FCC ID: PP4PX-800**.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at http://www.ctia.org.

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a sub-stantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Appendix

SAFETY INFORMATION FOR RF EXPOSURE

BODY WORN OPERATION

This device was tested in multiple notebook computer configurations with USB port configurations for typical near-body operations with the back of the USB Modem kept 5mm from the body. To maintain compliance with FCC RF exposure requirements, it can be used in notebook computers with substantially similar physical dimensions, construction, electrical and RF characteristics, and that maintain a minimum 20mm separation distance between the user's body and the back of the USB Modem, including the antenna. The antenna(s) used for this USB Modem must not be co-located or must not operate in conjunction with any other antenna or transmitter within a host device.

SAFETY INFORMATION

SAFETY INFORMATION FOR FIXED WIRELESS TERMINALS POTENTIALLY EXPLOSIVE ATMOSPHERES

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

INTERFERENCE TO MEDICAL DEVICES

Certain electronic equipment may be shielded against RF signal from your wireless phone. (Pacemakers, Hearing Aids, and so on) Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. RF signals may affect improperly installed or inadequately shielded electronic system in motor vehicles.

EXPOSURE TO RF ENERGY

Use only the supplied or an approved replacement antenna. Do not touch the antenna unnecessarily when the phone is in use. Do not move the antenna close to, or couching any exposed part of the body when making a call.

FCC COMPLIANCE INFORMATION

This device complies with Part 15 of FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received.
This includes interference that may cause undesired operation.

Appendix

U.S. FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

INFORMATION TO THE USER

NOTE : This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful Interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

*- Reorient or relocate the receiving antenna.
Increase the separation between the equipment and receiver.

*- Connect the equipment into an outlet of a circuit different from that to which the receiver is connected.

*- Consult the dealer or an experienced radio/TV technician for assistance.
Changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Connecting of peripherals requires the use of grounded shielded signal cables.

FCC ID: PP4PX-800

Warning:
Exposure to Radio Frequency Radiation

The radiated output power of this device is far below the FCC radio frequency exposure limits. Nevertheless, the device should be used in such a manner that the potential for human contact during normal operation is minimized. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna should not be less than 20mm during normal operation. The gain of the antenna for wireless band must not exceed 3.5 dBi. The gain of the antenna for PCS band must not exceed 6 dBi.
The gain of the antenna for AWS band must not exceed 6dBi.

Appendix

12 MONTH LIMITED WARRANTY

Personal Communications Devices, LLC. (the "Company") warrants to the original retail purchaser of this handheld portable wireless telephone, that should this product or any part thereof during normal consumer usage and conditions, be proven defective in material or workmanship that results in product failure within the first twelve (12) month period from the date of purchase, such defect(s) will be repaired or replaced (with new or rebuilt parts) at the Company's option, without charge for parts or labor directly related to the defect(s).

The antenna, keypad, display, rechargeable battery and battery charger, if included, are similarly warranted for twelve (12) months from date of purchase.

This Warranty extends only to consumers who purchase the product in the United States or Canada and it is not transferable or assignable.

This Warranty does not apply to:

(a) Product subjected to abnormal use or conditions, accident, mishandling, neglect, unauthorized alteration, misuse, improper installation or repair or improper storage;

(b) Product whose mechanical serial number or electronic serial number has been removed, altered or defaced.

(c) Damage from exposure to moisture, humidity, excessive temperatures or extreme environmental conditions;

(d) Damage resulting from connection to, or use of any accessory or other product not approved or authorized by the Company;

(e) Defects in appearance, cosmetic, decorative or structural items such as framing and non-operative parts;

(f) Product damaged from external causes such as fire, flooding, dirt, sand, weather conditions, battery leakage, blown fuse, theft or improper usage of any electrical source.

The Company disclaims liability for removal or reinstallation of the product, for geographic coverage, for inadequate signal reception by the antenna or for communications range or operation of the wireless system as a whole.

When sending your wireless device to Personal Communications Devices for repair or service, please note that any personal data or software stored on the device may be inadvertently erased or altered. Therefore, we strongly recommend you make a back up copy of all data and software contained on your device before submitting it for repair or service. This includes all contact lists, downloads (i.e. third-party software applications, ringtones, games and graphics) and any other data added to your device. In addition, if your wireless device utilizes a SIM or Multimedia card, please remove the card before submitting the device and store for later use when your device is returned, Personal Communications Devices is not responsible for and does not guarantee restoration of any third-party software, personal information or memory data contained in, stored on, or integrated with any wireless device, whether under warranty or not, returned to Personal Communications Devices for repair or service.

To obtain repairs or replacement within the terms of this Warranty, the product should be delivered with proof of Warranty coverage (e.g. dated bill of sale), the consumer's return address, daytime phone number and/or fax number and complete description of the problem, transportation prepaid, to the Company at the address shown below or to the place of purchase for repair or replacement processing. In addition, for reference to an authorized Warranty station in your area, you may telephone in the United States (800) 229-1235, and in Canada (800) 465-9672 (in Ontario call 416-695-3060).

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LAIBILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY MUST BE BROUGHT WITHIN A PERIOD OF 18 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR AN SPECIAL CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. THE COMPANY SHALL NOT BE LIABLE FOR THE DELAY IN RENDERING SERVICE UNDER THIS WARRANTY OR LOSS OF USE DURING THE TIME THE PRODUCT IS BEING REPAIRED OR REPLACED.

No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states or provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitation or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights, which vary from state to state or province to province.

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